Work Order	r ID 71639										Page 1
Item ID: DE Revision ID:	D3245-042		,	Accept				S	Setup St	1 1003/101 (
	_	4 ety: \$.00 Qty: 5.00		· · · · · · · · · · · · · · · · · · ·	Cust Item I Customer:	D:					
	Process Plan:		Date: 11-07-07	_		te:		F		art	
Sequence ID/ Work Center ID	QC: Operation Description	on	Date:	SPC (Y/N): Set Up/ Run Hours	Tool ID	te:	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr		*	Null Hours				QiJ	Qij	Number	Stamp
D3245	Rev B										
100 Packaging Packaging	Pick Kit	Мето		0.00				l/s	54/4	59/25	(4)
110 Small Fab Small Fab	Small Fab	Memo Install Riv	ets and Nut Plates and D3245- ntersinkingmat'l very thin	0.00 0.00 5 angle as per Dwg D3	3245⊡be careful				J ₄ j	09/99	
QC Quality Control	QC5- Insp	ect part com Memo	pleteness to step on W/O	0.00	do9/29			49) 		

Duit Agi	oopaoc	Ltu							
W/O:			WC	ORK ORDER CHANG	SES				· · · · · · · · · · · · · · · · · · ·
DATE	STEP	P	ROCEDURE CHA	NGE	Ву	Date	Qty	Approvai Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A :	Date: _	
	R	esolution:	Disposition	n:	QA: N/C Cid	osed:		Date: _	
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCR)			
DATE	CTED	Description of NC			tion B	Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		ion C	Chief Eng	QC Inspector
		t.							
		:							

Work Order ID 71639

Thursday, July 07, 2011 11:26:09 AM



Page 2

Item ID:

D3245-042

Accept

Setup Start



Revision ID:

Item Name:

Required Date: 7/21/2011

Access Panel Assembly

Start Date:

7/7/2011

Start Qty: 5.00

Reg'd Oty: 5.00



Date: _____

5T233A

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

QC: ____

Date:

Tooling:

SPC (Y/N):

Set Up/

Date:

Date:

Run Start



Stop

Stop



Sequence ID/ Work Center ID

130

Packaging Packaging

Operation Description

Identify as per dwg & Stock Location:_____

Run Hours 0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Reject Number Qty

Insp. Stamp

140

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

Memo

0.00

	. Johan									+
W/O:				W	ORK ORDER CHANG	ES				
DATE	STEP		PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			<u> </u>							
:			,							
Part No	:		PAR #:	Fault Cat	degory:	NCR: Yes	No DQ	A:	Date:	<u> </u>
					ion:					
NCR:				WORK ORI	DER NON-CONFORMA	NCE (NCR	3)			
DATE	CTED	Descripti	on of NC		Corrective Action Section		Verific	ation	Approval	Approval
DATE	STEP	Secti		Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti		Chief Eng	QC Inspector
										-
										:
			·							
			·							

· Pickfist Print

Thursday, July 07, 2011 11:26:06 AM

Work Order ID: 71639

Parent Item: D3245-042

Parent Item Name: Access Panel Assembly



Start Date: 7/7/2011

Required Date: 7/21/2011

Page 1

Start Qty: 5.00

Required Qty: 5.00

Comments:

IPP Rev:A New Issue 07-09-11 JLM Verified By:EC IPP Rev:b ECN 1052 07-10-31 DD verified by:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
2350-18-C3Y		Purchased	No			110	Each	51.0000	8	49/5/1	169/6	1 29	
				Location	<u>n</u>	Loc	<u>Oty</u>	Loc Code			. /		
				ST399			22		_		_	M1184.	157/20
			•		105729		2		_		_ /	11107	27 []XX
					19688		20		_		_		
				ST400	117250		29		_		_		
D3245-2		Manufactured	No		117358	110	29 Each	0.0000			-		
		Manufactured	140			\mathcal{B}	7/673	(4)		<u>/</u> //	11/07 f	25	
03245-5 		Manufactured	No			110	Each	8.0000		5 D11/	69/29		
				Location	<u>n</u>	Loc	Oty	Loc Code			/	a t 0	2-11
				GA			8				_	A S	371671
					68628		8		_		_		, , , , ,
MS20427M3-3 		Purchased	No			110	Each	886.0000	16 	80	/og /2;	9	
NIT OF				Location	<u>n</u>	Loc	<u>Qty</u>	Loc Code					
				ST318			886						
					117206		886		_	64	_		

W/O:			W	ORK ORDER CHANG	ES			7
DATE	STEP	PR	OCEDURE CH	ANGE	Ву	Date Q	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							Frod Wigi	
	:							
Port No.		DAD #-	Fault Oat		NOD V		D -4-	
Part NO		PAR #: esolution:						
NOD.	n'			DER NON-CONFORM			Date: _	
NCR:					•	,		T · · · ·
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Description Chief Eng	ion B Sign & Date	Verification C		Approval QC Inspector
· · · · · · · · · · · · · · · · · · ·							·	

Picklist Print

Thursday, July 07, 2011 11:26:06 AM

Work Order ID: 71639

Parent Item:

D3245-042

Parent Item Name: Access Panel Assembly

Purchased

No



Start Date: 7/7/2011

Required Date: 7/21/2011

Page 2

Start Qty: 5.00

Required Qty: 5.00

MS20615M3-3

Rivet

3200131413-3	
######################################	

Location	Loc Qty
ST323	92
111650	80
116188	12

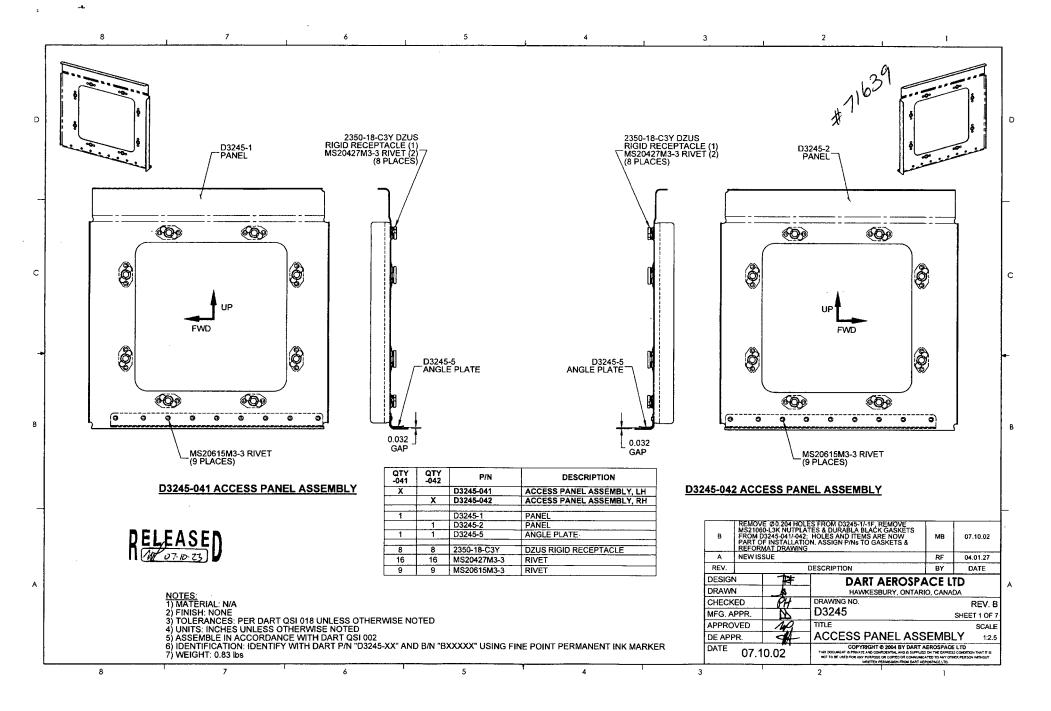
110

Each

Loc Code

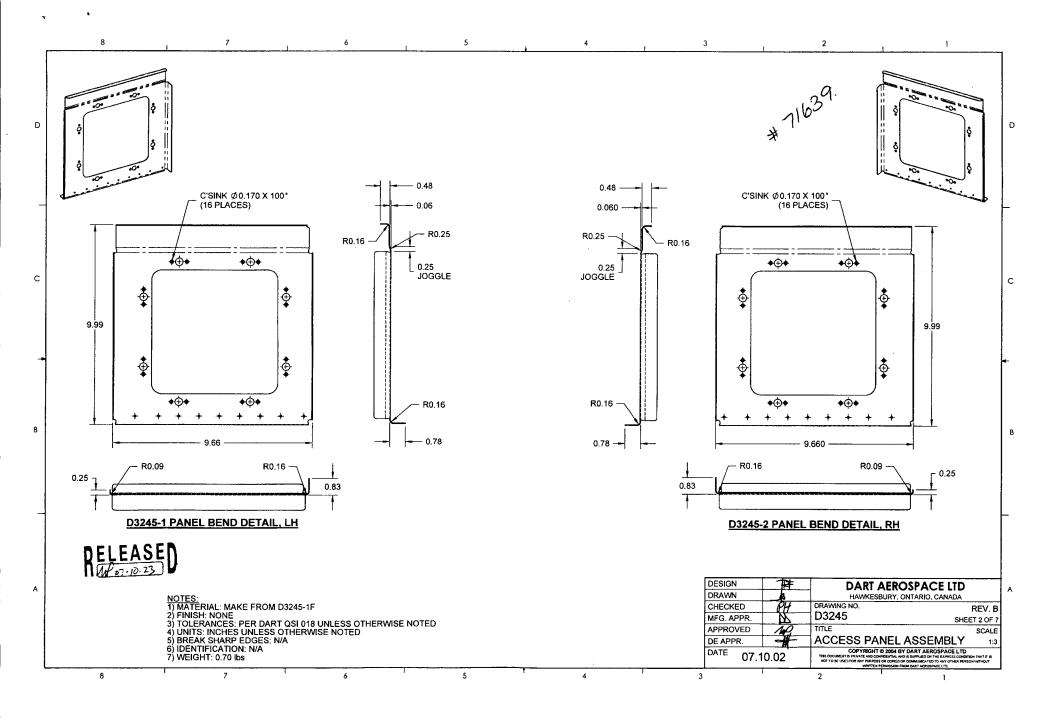
92.0000

Duit Aci	oopaoc									
W/O:		;		W	ORK ORDER CHANG	ES			, , , , , , , , , , , , , , , , , , , ,	
DATE	STEP	:	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No.			DAD #-	Foult Cot		NCD: Voc	No DO	A.	Deter	1
rait NO		1			egory: on:					
	n	esoir						·	Date: _	
NCR:			V	VORK ORL	DER NON-CONFORM	ANCE (NCI	1) 			
DATE	STEP		Description of NC	Initial		ion B Sign		cation	Approval	Approval
		!	Section A	Chief Eng	Action Description Chief Eng			ion C	Chief Eng	QC Inspector
								,		
						· · · · · · · · · · · · · · · · · · ·				
1	1						1			1

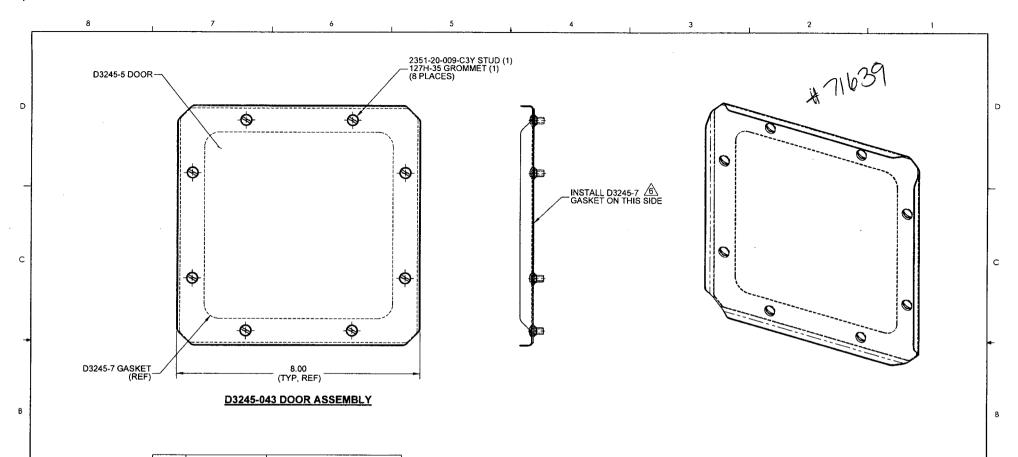


W/O:		·	W	ORK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No	•	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A:	Date:	
**	R	esolution:	Dispositio	n:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NC	3)			
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
DAIL	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	& Secti	ion C	Chief Eng	QC Inspector
						-			
:								·	



W/O:		1	WO	RK ORDER CHANG	ES		•	1.
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		i ·						
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes N	No DQA:	Date: _	
	Re	esolution:	Disposition);	_ QA: N/C Clo	sed:	Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	ANCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Secti		Verification	Approval	Approval
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
		:						
			·					
		ł !						

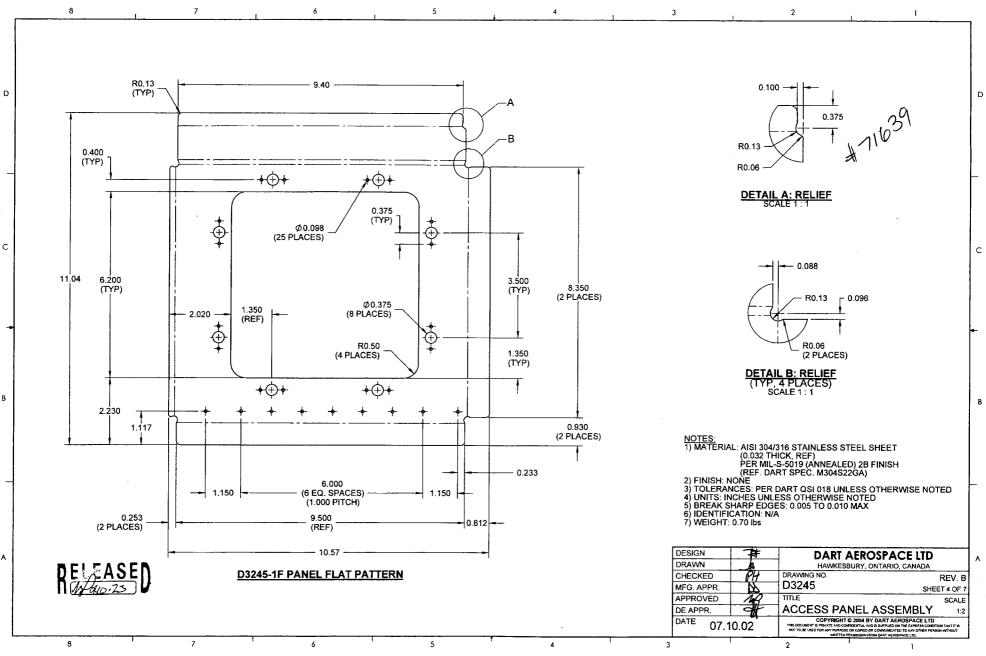


QTY -043	P/N	DESCRIPTION
X	D3245-043	ACCESS PANEL ASSEMBLY
1	D3245-3	DOOR
1	D3245-7	GASKET
8	2351-20-009-C3Y	STUD
8	127H-35	GROMMET

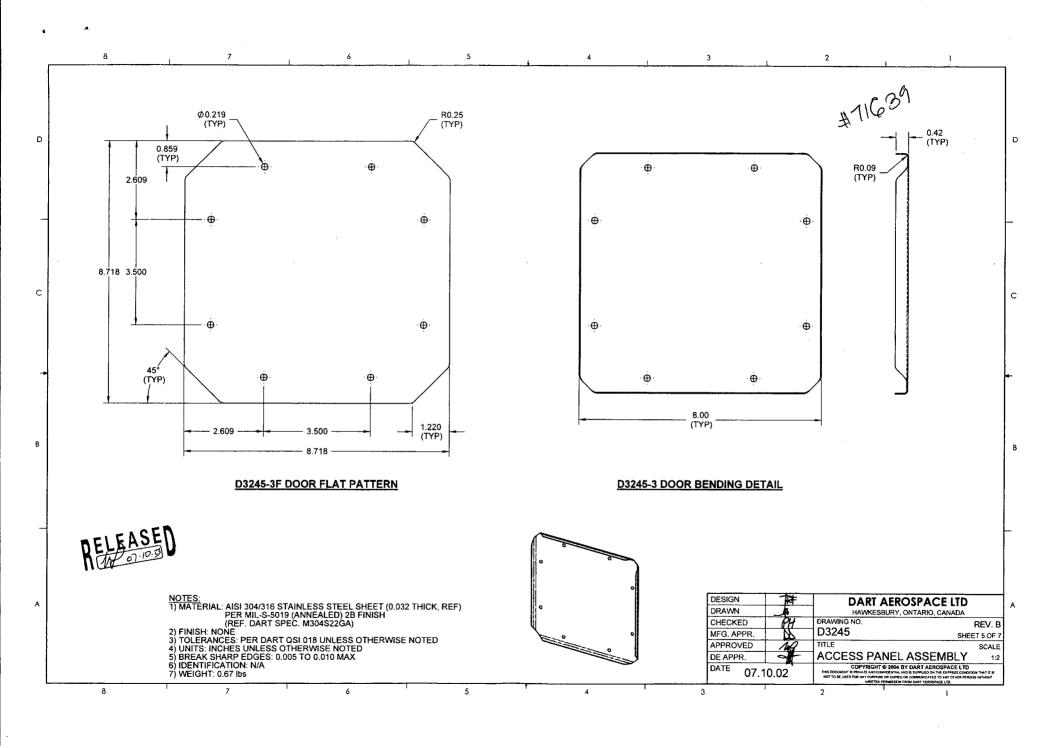
NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) INSTALL D3245-7 GASKET USING 3M SCOTCH-GRIP 1300/1300L ADHESIVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
7) ASSEMBLE IN ACCORDANCE WITH DART QSI 002
8) IDENTIFICATION: IDENTIFY WITH DART P/N "D3245-043" AND B/N "BXXXXX" USING FINE POINT PERMANENT INK MARKER
9) WEIGHT: 0.73 lbs

DESIGN	 	
DRAWN	_#	HAWKESBURY, ONTARIO, CANADA
CHECKED	PH	DRAWING NO. REV. 8
MFG. APPR.	Z	D3245 SHEET 3 OF 1
APPROVED	10	TITLE SCALE
DE APPR.		ACCESS PANEL ASSEMBLY 1:2
DATE 07.1	0.02	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS THEWATE AND COMPUSITION AND IS SUPPLIED OF THE EFFECTS CONCENT THAT IT IS NOT TO BE USED FOR ANY REMOSES OF COMPUSITION OF COMPUSITION TO ANY OFFICE ANY OFFICE ANY O

W/O:		WORK ORDER CHANGES										
DATE	STEP		PRO	OCEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
		,										
Part No:			_ PAR #:	Fault Cat	legory:	_ NCR: Yes	No DQ	A:	Date: _	<u> </u>		
Resolution:				Disposit	ion:	_ QA: N/C	Closed:		Date: _			
NCR:				WORK ORI	DER NON-CONFORMA	NCE (NC	R)		,	:		
DATE	DATE STEP Description of NC		ion of NC		on B	Verification			Approval			
DAIL	J.L.	Sec	tion A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		ion C	Approval Chief Eng	QC Inspector		
		·										
								=				
			·									

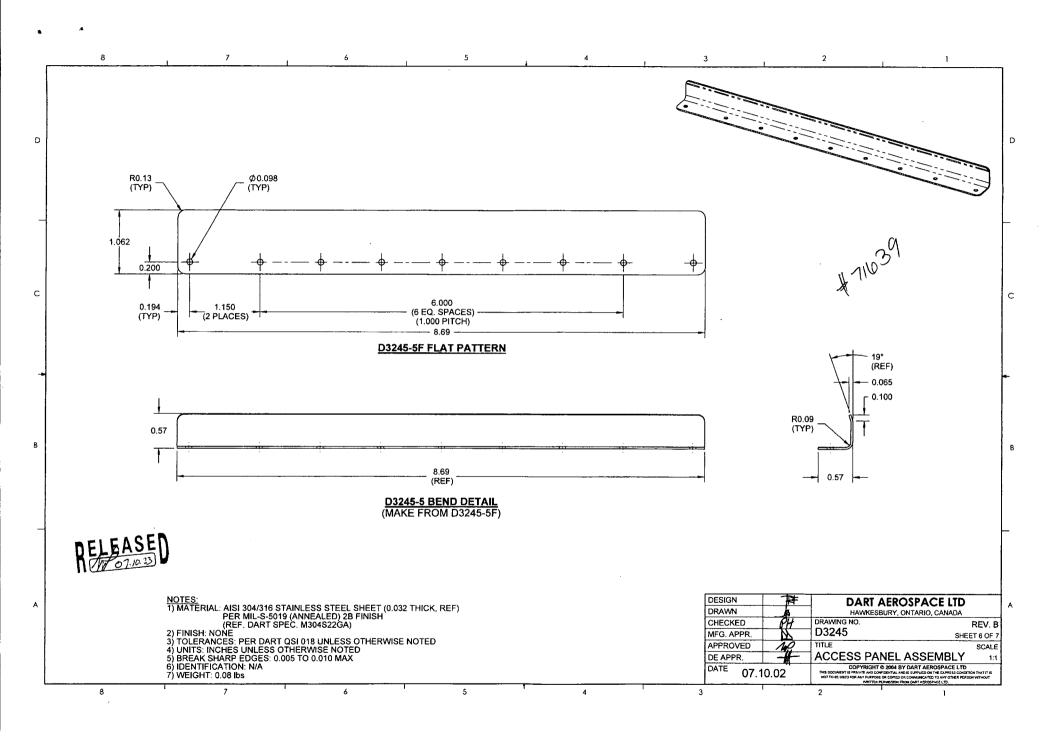


W/O:			W	ORK ORDER CHANG	iES				•	
DATE	STEP	PR	OCEDURE CH	ANGE	Ву	By Date Qty C			Approval QC Inspector	
								Prod Mgr		
Part No	·	PAR #:	Fault Ca	tegory:	NCR: Yes	No DQ	A:	Date:		
Res		esolution:	Disposit	ion:	QA: N/C C	osed:		Date:		
NCR: WORK ORDER NON-CONFORMANCE (N						R)				
DATE STEP		Description of NC	Corrective Action		tion B	Verific	ation	Approval	Approval	
	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign and Date		on C	Chief Eng	QC Inspector	
i										
					-					
								!		



Dart Aerospace Ltd

W/O:			WC	ORK ORDER CHANG	ES			
DATE STEP		PRO	OCEDURE CHA	Ву	Date Qt	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
		PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQA:	Date: _	
		solution:	Dispositio	n:	_ QA: N/C CI	osed:	Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	NCE (NCF	R)		
DATE	STEP	Description of NC		Corrective Action Section		Verificatio	n Approval	Approval
<u> </u>		Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspector
		!						
		i						
	1		1 1		ı	1	Į.	1



Dart	Aer	osp	ace	Ltd

W/O:			W	ORK ORDER CHANG	GES			-		
DATE	STEP	PR	OCEDURE CH	ANGE	8	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	-									
		i İ								
Part No	! :	PAR #:	Fault Cat	tegory:	NCR:	Yes N	o DQA	<u> </u> 	Date:	
					QA: N/C Closed:					
NCR:				DER NON-CONFORM						
		Description of NC		Corrective Action Section		VARITICS			Approval	Approval
DATE	STEP	Section A	Initial Chief Eng			ign & Date	Section C		Chief Eng	QC Inspector
								· · · · · · · · · · · · · · · · · · ·		
		,								
		<u> </u>		La de Caración de			1		1	lı .

R0.13 (TYP) 0.80 (TYP) Ø0.325 (TYP) 45° (REF) ф -ф-7.80 (TYP) -()--(R0.50 (TYP) 2.150 (TYP) 3.500 (TYP) 0.400 0.34 (TYP) (TYP)





NOTES:
1) MATERIAL: DURABLA BLACK GASKET, 0.035 THICK
(PER MIL-A-7021C OR MIL-A-17472B OR MIL-G-12803A)
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

6

	R0.13 (TYP)
	0.70
LENGTH -	

D3245-X GASKET

P/N	LENGTH	
D3245-9	8.35	_
D3245-11	9.01	
D3245-13	9.50	

C

DESIGN		DART AEROSPACE LTD				
DRAWN	_4	HAWKESBURY, ONTARIO, CANADA				
CHECKED	PH	DRAWING NO. REV. I				
MFG. APPR.	177	D3245 SHEET 7 OF				
APPROVED	14	TITLE SCAL				
DE APPR.		ACCESS PANEL ASSEMBLY 1:				
DATE 07.1	0.02	THIS DOCUMENT IS PRIVATE AND CONFESSION. AS IS SUPPLIED ON THE EXPRESS CONTINUE THAT TO BE USED FOR MY PURPOSS OF CONTECTION THAT TO BE USED FOR MY PURPOSS OF CONTECTION OF CONTINUE AT THE PERSON MYTHER PRIVATE AND AND THE PERSON MYTHER PER				

2

5

8

D

С

Dart Aerospace Ltd

W/O:			WORK ORDER CHANGES									
DATE	STEP	PR	PROCEDURE CHANGE				Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
,						·		!				
									· · · · · · · · · · · · · · · · · · ·			
						,						
Part No:												
Resolution:			Disposition);	QA: N/C Closed:				· · · · · · · · · · · · · · · · · · ·			
NCR:				R NON-CONFORMA	NCE (NCR)						
DATE	STEP	Description of NC	Corrective Action Section B			verifica		Approval	Approval			
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Sectio	n C	Chief Eng	QC inspector			
								· ·				
						,						
			·									